

Appl. No. 09/745,177
Amdt. Dated May 11, 2004
Reply to Office Action of Feb. 11, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (currently amended) A golf ball comprising:

an outer surface; and,

a clear polyurethane coating disposed over said outer surface produced from reactants comprising:

a surfactant;

a solvent;

a base comprising an isocyanate and a polyol;

and,

a drying accelerator comprising a mixture of at least two metal catalysts wherein at least one said metal catalyst ~~contains~~ comprises tin and at least one said metal catalyst comprises zirconium.

Claim 2. (currently amended) The golf ball of claim 1 wherein the drying accelerator comprises a catalyst containing chelated zirconium complex.

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Claim 3. (original) The golf ball of claim 1 wherein the drying accelerator comprises a catalyst containing dibutyl tin dilaurate.

Claims 4-8 (previously withdrawn)

Claim 9. (previously presented) The golf ball of claim 1 wherein said clear polyurethane coating comprises the reaction products of propylene glycol monomethyl and hexamethylene diisocyanate.

Claim 10. (previously presented) The golf ball of claim 1 further comprising a primer coat applied onto said cover surface prior to the application of said clear polyurethane coating.

Claim 11. (currently amended) A golf ball comprising:
an ionomer cover having an outer surface; and,
a clear polyurethane coating disposed over said outer surface produced from the reactants comprising:

a surfactant;

a solvent;

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a base comprising an isocyanate and a
polyol; and,

a drying accelerator comprising a least two
metal catalysts wherein at least one said metal
catalyst ~~contains~~ comprises tin and at least one
said metal catalyst comprises zirconium.

Claim 12. (currently amended) The golf ball of claim 11
wherein the drying accelerator comprises a ~~catalyst~~
~~containing~~ chelated zirconium complex catalyst wherein said
clear polyurethane coating is applied to said outer surface
on a production line and dries without the assistance of a
plural machine.

Claim 13. (previously presented) The golf ball of claim 12
wherein the drying accelerator comprises a catalyst
containing dibutyl tin dilaurate.

Claim 14. (currently amended) The golf ball of claim 11
wherein said base further comprises propylene glycol
monomethyl prior to drying.

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Claim 15. (currently amended) The golf ball of claim 14 wherein said ~~base~~ solvent is a mixture further comprising ether acetate, xylene, N-butyl acetate, ethyl acetate, and toluene prior to drying.

Claim 16. (previously presented) The golf ball of claim 11 wherein said base comprises hexamethylene diisocyanate prior to drying.

Claim 17. (currently amended) The golf ball of claim 16 wherein said ~~base~~ solvent further comprises xylene, N-butyl acetate, and toluene prior to drying.

Claim 18. (previously presented) The golf ball of claim 11 wherein the drying accelerator comprises a catalyst containing dibutyl tin dilaurate.

Claim 19. (previously presented) The golf ball of claim 11 wherein said clear polyurethane coating has a pot life over 2 hours.

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Claim 20. (previously presented) The golf ball of claim 11 where said surfactant is a fluoro surfactant.

Claim 21. (previously presented) The golf ball of claim 20 wherein said surfactant is a mixture comprising fluoroaliphatic polymeric ester, potassium fluoroalkyl carboxylate, water, 2-Butoxyethanol, and Ethyl alcohol.

Claim 22. (previously presented) The golf ball of claim 11 further comprises a primer coat applied onto said cover surface prior to the application of said clear polyurethane coating.

Claim 23. (previously presented) The golf ball of claim 22 wherein said primer comprises aziridine and an acrylic-urethane.

Claim 24. (currently amended) A golf ball comprising:
an outer surface; and,
a clear polyurethane coating disposed over said outer surface comprising:
a means for surfacting;
a means for solvating;

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a base means comprising an isocyanate and a polyol; and,

a means of accelerating drying wherein said means of accelerating drying comprises a mixture of at least two metal catalysts wherein at least one said catalyst ~~contains~~ comprises tin and wherein at least one said catalyst comprises zirconium.

Claim 25. (previously presented) The golf ball of claim 24 further comprising a primer coat applied onto said outer surface prior to the application of said clear polyurethane coating.

Claim 26. (currently amended) The golf ball of claim 24 wherein said means of accelerating comprises at least two metal catalysts wherein at least one said catalyst comprises a ~~contains~~ chelated zirconium complex.